

Date: Wed, 1 Sep 93 04:30:11 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1032  
To: Info-Hams

Info-Hams Digest                      Wed, 1 Sep 93                      Volume 93 : Issue 1032

Today's Topics:

1D3 - DXCC country?  
Any amateur clubs on American Samoa?  
Frequency Forum  
Help: Logging Program... ?  
Maximal range of a CB  
NEED: MACINTOSH DX LOGGING PROGRAM! HELP!  
Passed 20 W.P.M. test  
There goes the rest of 20M  
What changed in July?  
What is this DX?  
What kind of mast and where to buy?  
XV7 DXpedition info ?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 31 Aug 93 11:35:34 GMT  
From: ogicse!uwm.edu!math.ohio-state.edu!cs.utexas.edu!gerald@cc.utexas.edu!  
emx.cc.utexas.edu!not-for-mail@network.ucsd.edu  
Subject: 1D3 - DXCC country?  
To: info-hams@ucsd.edu

lapin@casbah.acns.nwu.edu (Gregory Lapin) asks:

>>I recently received a QSL card from a US ham who was vacationing on Dauphin  
>>Island. He signed a portable call (K1RH/1D3).

>>There is no mention of this prefix in my ARRL DXCC list. Is this a valid  
>>country?

Yes, it is a valid country - the U.S. of A. I think these  
are made-up prefixes, perhaps for IOTA purposes. It's nearly  
always K1RH who does this. (Is it still called a prefix when  
it's at the end??).

>>>>Curious minds, with 98 DX confirmed, want to know!

Well, if you didn't have W confirmed before, you have it now!

Incidentally, I believe you can sign almost anything you want to  
after your call. I have heard QRP people suggest that you sign  
with your power, so if you are running 3 watts you can sign W1XYZ/3W  
and some people will think you are in Vietnam (where you would really  
sign 3W/W1XYZ). I've heard a W8 signing /WV for West Virginia. You  
probably can't sign /SOS, but I dunno for sure.

In India, if you operate from a club station you have to append  
the suffix of your home call, there is one poor fellow who has  
to sign something like VU2TTC/LID (since he is VU2LID) - it's a  
tough life out there.

Derek Wills (AA5BT, G3NMX)  
Department of Astronomy, University of Texas,  
Austin TX 78712. (512-471-1392)  
oo7@astro.as.utexas.edu

-----  
Date: 31 Aug 93 09:32:52  
From: swrinde!cs.utexas.edu!usc!yeshua.opl.com!zip.eecs.umich.edu!destroyer!  
csd475b!newsserv!majewski@network.ucsd.edu  
Subject: Any amateur clubs on American Samoa?  
To: info-hams@ucsd.edu

Hello to all-

My brother is relocating to American Samoa for two years starting  
this November. He is trying to get his amateur license so that we can  
keep in touch, but may not be able to take the test before he leaves.

Does anyone know if there is an active amateur club on American

Samoa? If so, can you provide a contact person and/or address?

Thanks and 73!

Ron (wb8ruq).

majewski@erim.org

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Ron Majewski (majewski@erim.org)

The Environmental Research Institute of Michigan

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Date: 31 Aug 93 16:37:00 GMT  
From: blkcat!news@uunet.uu.net  
Subject: Frequency Forum  
To: info-hams@ucsd.edu

The Frequency Forum Bulletin Board System in Vienna, VA now carries  
this UseNet newsgroup.

Jack Anderson, Sysop

Internet: janderson@ram.net  
(alternate) jack.anderson@f239.n109.z1.fidonet.org

                  --\*--SCANNER BBS for VA, MD, DC!--\*-  
                  --\*-The Frequency Forum--\*(703) 207-9622--\*-9600/V.32/MNP--\*-  
--\*-Files, Frequencies and Discussion for Scanner Hobbyists/Radio Amateurs--\*  
\*\*\*  
  \* SLMR 2.1a \*

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Date: Tue, 31 Aug 1993 11:10:05 GMT  
From: swrinde!cs.utexas.edu!math.ohio-state.edu!darwin.sura.net!  
gatekeeper.es.dupont.com!esds01.es.dupont.com!jhtaylor.wm.dupont.com!  
user@network.ucsd.edu  
Subject: Help: Logging Program... ?  
To: info-hams@ucsd.edu

In article <taylorjh-300893092157@jhtaylor.wm.dupont.com>,  
taylorjh@wmvx.dnet.dupont.com (John H. Taylor) wrote:  
>

> I am interested to find a logging program which will run on an IBM PC clone

> and take care of my logging for me. I am interested in the standard  
> features such as automatic detection of past contacts, replicating static  
> data (dates, etc.), and general usefulness.  
>  
> I was hoping that someone would have experience with one that is quite good  
> and that they could direct me to the source.  
>  
> Thanks, in advance, for assistance!  
>  
>

John

>

- K3ZKA -

>

> -----  
> John H. Taylor  
> E. I. DuPont de Nemours & Company (Inc.)  
>  
> The opinions expressed are soley those of the author  
> and do not represent a statement by the DuPont Company  
> -----

Unfortunately, in the above note I failed to mention that I am running DOS  
on a 286. Consequently, I am not using Windows.

I have received a couple of replies with recommendations for Windows. Does  
anyone have any thoughts regarding good solutions for DOS?

Again, thanks for your assistance....

John

- K3ZKA -

-----  
John H. Taylor  
E. I. DuPont de Nemours & Company (Inc.)

The opinions expressed are soley those of the author  
and do not represent a statement by the DuPont Company  
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-----  
Date: 1 Sep 93 04:33:13 GMT  
From: boulder!boulder!eesnyder@uunet.uu.net  
Subject: Maximal range of a CB  
To: info-hams@ucsd.edu

jeanmarc@D012S436.mch.sni.de (Jean-Marc Bonnaudet) writes:

>What is the maximal range reaches with a CB (a legal one, without any  
>linear amplifier of course, frequency in the 27 MHz) ?

>My personal maximal ranges are:

>\* Direct, without skip : 50 km (at the top of a mountain)  
>\* With atmospheric skip: 1200 km (at a good time !)

This might be interesting to post to one of the .radio.amateur groups.

-----  
Date: 1 Sep 93 05:46:54 GMT  
From: ogicse!uwm.edu!wupost!csus.edu!netcom.com!johanson@network.ucsd.edu  
Subject: NEED: MACINTOSH DX LOGGING PROGRAM! HELP!  
To: info-hams@ucsd.edu

PLEASE DO NOT RESPOND TO THIS ADDRESS, POSTED FOR A FRIEND

KE6HD, Micheal Jarchow is looking for a Macintosh Logging  
Program. Phone (510) 831-1051

If you can't call him, or if you long distance then  
reply via this address and I will call him.

MACINTOSH DX LOGGING PROGRAM

-----  
Date: 31 Aug 93 08:53:42  
From: swrinde!gatech!howland.reston.ans.net!vixen.cso.uiuc.edu!cs.uiuc.edu!  
vela.acs.oakland.edu!rcsuna.gmr.com!rcsuna.gmr.com!vbreault@network.ucsd.edu  
Subject: Passed 20 W.P.M. test  
To: info-hams@ucsd.edu

In article <1993Aug30.201412.2447@pixar.com> bruce@pixar.com (Bruce Perens)  
writes:

I passed the 20 WPM test on Saturday, so I'd like to pass on my observations as they may help someone else.

<Bruce's observations deleted>

C-O-N-G-R-A-T-U-L-A-T-I-O-N-S

See? It wasn't all that hard to do. The \_Wheel of Fortune\_ approach worked for me too. Just write down what you KNOW you heard and fill in the rest later.

As you probably know, 4B is a really let down after 4A. All you need to do is read the study guide a couple of times and breeze through it.

So, to reiterate: forget about writing things down and learn to copy by ear exclusively. Once you have passed the test, you'll have lots of time to learn how to transcribe a transmission, if that's what you are interested in. Listen to the news or some other comprehensible text at the fastest rate at which you can still comprehend the story even though you are dropping characters and words. Warm up before the test by listening to sample examinations in your car for 15 minutes or more.

I liked that summary so much I thought it would be good to resate it.

Oh, by the way, I don't really like the code, but I didn't want to wait for it to be eliminated before I got an Extra class license. I also wanted to have a higher class of license than most of the old crocks who felt that I wasn't a "real" ham because I was a code-free technician. Now, I can ask \_them\_ why they don't upgrade.

I really didn't care one way or the other about the code issue while I was studying. It was just one of those things that one had to do in order to achieve a certain licence class. Now, however, it's nearly the only mode I use on HF.

I can appreciate your view though, and I really admire your attitude WRT getting it out of the way and moving along with the process.

Hold the old farts' feet to the fire Bruce.

(Bruce's technician licence was issued last October. At this rate I expect he'll go from zero to Extra in less than a year. That's noteworthy in itself.)

Again, congratulations Bruce.

--

Val Breault - N80EF - vbreault@gmr.com \ /|  
Instrumentation dept GM NAO R&D Center \ /|  
My opinions are not necessarily those of \ /\_\_|  
GMR nor of the General Motors Corporation \ / |\_\_\_

-----  
Date: 1 Sep 93 03:04:46 GMT  
From: ogicse!cs.uoregon.edu!sgiblab!sgigate!odin!chuck.dallas.sgi.com!  
adams@network.ucsd.edu  
Subject: There goes the rest of 20M  
To: info-hams@ucsd.edu

In article <1993Aug31.134556.18387@cyphyn.UUCP>, randy@cyphyn.UUCP (Randy) writes:

|> Hey Ron....  
|> ( and any one else who knows...)  
|>  
|> I can't say much for 20m... but on 80 and 40, I've been hearing more and  
|> more TTY ( of some kind ) as the years go by.... plus that wheezing sound  
|> of packet in the 7100-7107-8 region.  
|> They just start sending right on top of a CW QSO...and you can't send  
|> QRL back....they are oblivious to all but what they want to hear.  
|>  
|>...stuff deleted...  
|> This is not JUST winter-coming probagation increases...as I've noticed it  
|> for the past few years on the rise.  
|>  
|> Any ideas?  
|>  
|>  
|> --  
|> Randy KA1UNW                    If you get a shock while  
|>                    servicing your equipment,                    "Works for me!"  
|>                    DON'T JUMP!                                 -Peter Keyes  
|>                    You might break an expensive tube!

Randy et.al., i agree, it's too much!!!!!!!!!!!!!!

i spend 99% of what little time i have on 40 Mtrs and QRP. here is the history  
of 40 from my years on my favorite band - as i know it: (nite hours)

1955-1960: 40 meters good band.  
7.000-7.200 cw  
7.100-7.150 rtty  
7.200-7.300 am then ssb

1961-1970: 7.000-7.075 cw  
7.075-7.100 rtty

7.100-7.300 foreign broadcast

1970-1980: 7.000-7.075 cw  
7.075-7.200 rtty es foreign broadcast  
7.200-7.300 foreign broadcast es ssb

about the same for the next decade, but digital starting up

1990-present: 7.000-7.040 cw  
7.040-7.150 digital es rtty  
7.100-7.300 foreign broadcast  
7.150-7.300 some ssb between the foreign broadcast

now we have dx ssb from 7.000 to 7.060  
digital from 7.000 to 7.150  
foreign broadcast 7.100 to 7.300

hey guys. let's admit it. we're about to have this band ruined and this winter is really going to be interesting. the propagation is already long. listen til 9 or 10 am local time. i'm hearing ja's and the middle east running 599 (and that's not a contest exchange) with very strong signals.

down in the southern US, we've got XE ssb stations down to 7.000 MHz. we've got digital stuff to 7.060 and i've heard dx digital down to 7.020. for thirty-five years, since my novice days i've moved from 7.150 down the band. i stay above 7.025 to keep from clobbering dx chasers. i can't go above 7.060 because of the digital. it's getting more and more crowded in the small frequency range left. don't get on CW ops case about the space allocated!! the digital stuff is everywhere now. remember A1 transmission is allowed anywhere within the allocated spectrum for radio amateurs. due to gentlemen's agreement, you don't hear us moving up into the "phone subbands". don't start the flame wars. we all have our favorite modes. remember, the bicycle is still around. it hasn't been outlawed, yet i see a lot of people with the attitude that A1 should be outlawed and/or taken off the bands. you'll take my cold dead hands from my keyboard and/or kent or bencher.

just because a mode takes more spectrum, doesn't mean you should get all the band space you need. every bleeding liberal thinks that we outta give the spectrum away. it's a resource, not a gift.

somebody tell me! what joy is there in having a station completely computer controlled and unattended sitting on a frequency (heaven help us if they start vfo controlled operations) and racking up the qsos? i can do the same thing on the internet or using the fax machine. most of us work with computers all day. don't you wanna get away from them????



it's late. i'll go home and listen to 40. i'm hearing some )(@#\$\$&&  
around 7.058 or so that i don't know what it is. someone know what  
i'm talking about?

ok, sorry, off the soap box. flame suit on. beam me up Scottie.

chuck adams k5fo  
CP-60 and damn proud of it  
UIL typing champ 88 wpm 5 min no errors mechanical typewriter  
2000+wpm reading speed  
PhD Astrophysics  
4 books and 50+ papers refereed and published  
QRP op for 30+ years  
WAS 40 cw  
RCC  
working on DXCC 40 meters QRP 2W - started 8/1/93 to finish by 8/1/94 (if i  
live that long)

sorry, but i just had to say it all. we're in this together and remember  
that the government can take it all back. look at 220 guys/girls. people  
are serious about buying all that spectrum. it's the latest gold fields  
and the rush is on. think about it.

dit dit :-) for the humour empaired.....

end of brag - end of text - end of soap box -

QRL?

C

SRI TU

-----  
Date: Tue, 31 Aug 1993 12:45:02 GMT  
From: swrinde!gatech!ukma!rsg1.er.usgs.gov!dgg.cr.usgs.gov!bodoh@network.ucsd.edu  
Subject: What changed in July?  
To: info-hams@ucsd.edu

In article <1993Aug30.232337.1@wcsb.ctstateu.edu>,  
ritterbus001@wcsb.ctstateu.edu writes:  
|> Pardon me if this is a FAQ, but I didn't find it in the FAQ or anything  
|> that I have yet obtained from ARRL.  
|>  
|> I recently heard from some licensed hams (I am still studying) that any  
|> books such as those sold by RS, Kenwood, etc. became out of date as  
|> of 01 JUL 93, but I didn't ask why at the time. Now I wonder.  
|>  
|> Is it only the question pool that changed? If I study from an old

|> book, am I still likely to pass? Is there a summary somewhere of  
|> what changed?  
|>  
|> Thanks in advance,  
|> Jim Ritterbusch (parental unit to Michelle, N1PNT)  
|> ritterbus001@wcsu.ctstateu.edu - or - ne22@radiomail.net (wireless)  
|> One if by LAN, two if by C, three if by C++  
|>

As of July 1, the question pool for Technician (and Novice?) changed, although if you actually know the material rather than having memorized the questions, you should do OK. I have not seen the new question pool but I have heard that they simply rephrased some or changed values/numbers.

They change the question pool for each class every 4 years in rotation - General class will have a new theory test on July 1, 1994. I am unsure whether they have bundled the Novice and Technician theory together in this update schedule.

Also, as of July 1, 1993 you must take a Novice exam from a team of VE's rather than from two General class amateurs...

--  
+++++  
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0Y?? (in the mail) +  
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +  
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)  
+  
+ "Welcome back my friends to the show that never ends!" EL&P  
+  
+++++

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Date: 31 Aug 93 22:02:27 GMT  
From: ogicse!uwm.edu!linac!news.ssc.gov!fnnews.fnal.gov!usenet@network.ucsd.edu  
Subject: What is this DX?  
To: info-hams@ucsd.edu

In article <2609i2\$115@news.acns.nwu.edu> lapin@casbah.acns.nwu.edu (Gregory Lapin) writes:

>  
>I recently received a QSL card from a US ham who was vacationing on Dauphin  
>Island. He signed a portable call (K1RH/1D3).  
>  
>There is no mention of this prefix in my ARRL DXCC list. Is this a valid  
>country?

>  
>Curious minds, with 98 DX confirmed, want to know!  
>  
>Greg Lapin KD9AZ

-----  
Date: 1 Sep 93 03:42:28 GMT  
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu  
Subject: What kind of mast and where to buy?  
To: info-hams@ucsd.edu

In article <1993Aug31.224913.2607@nnntp2.cxo.dec.com> little@nuts2u.enet.dec.com (nuts2u::little) writes:

>Maybe some of you budding structural engineers out there can tell me what I  
>need in the way of a mast to support some antennas.

>  
>I want to put up:

>  
>Antenna                      Wind Load              Height above support

>-----  
>KLM 30LBX                      2 sq-ft                      11 ft  
>Cushcraft 4218XL               4 sq-ft                      7 ft  
>Cushcraft A50-5S               3 sq-ft                      3 ft

>  
>The guys at Cable and Metal Corp tell me a 2" OD 1/4" wall 6061-T6511  
>aluminum mast will do fine. But they want \$195 for a 15 foot mast. Texas  
>Towers says their 2" OD 1/4" wall carbon steel mast will do it for somewhat  
>less. But they're out of stock.

>  
>So what do I really need, and where is a good place to get it? Most places  
>don't seem to carry masts.

Todd, you don't mention what wind survival speed this mast needs to tolerate. But for anything short of a hurricane or tornado, good old 1.5 inch galvanized water pipe should do for your application. That pipe has an OD of very close to 2 inches, giving a 1/4 inch wall thickness, and works fine through the top section of Rohn tower. A 10 foot piece should run about \$20 at the local plumbing supply store. Lengths up to 20 feet are stock items. Note that water pipe is specified by it's ID, not it's OD.

For a really large antenna, 2.5 inch oilfield line pipe works great. This stuff is extra heavy wall to allow for the corrosive liquids being carried. I've used it to build complete tiltover masts up to 60 feet. It's often free from your friendly oilfield service company. Pump rod is also wonderful bracing material, and also often available for the asking. For long spans of pipe, welding a pump rod brace to

the pipe can stiffen it tremendously.

Now water pipe is heavy, and with the modest square footage you intend to hang on it, heavy wall 2 inch electrical conduit would work too. It's not nearly as strong, but should suffice for a wind load under 10 sq-ft. Don't think of using thinwall conduit; it'll bend if you look at it funny. Muffler pipe is similar, and I know hams who mount their small antennas using a stick of that in 2 inch. Conduit is available at most electrical supply houses, and muffler pipe is available at muffler shops. In any case, their prices are much lower than those of the antenna mast manufacturers. For heights above the bearing of under 10 feet, it should be adequate for your modest needs. Now if you were trying to support a 3 element 40 meter beam, you might be justified in paying the outrageous prices of the mast manufacturers. But for ordinary tri-banders and VHF/UHF arrays, water pipe is fine. For smaller antennas, conduit or muffler pipe is fine.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

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Date: 1 Sep 93 08:09:35 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: XV7 DXpedition info ?  
To: info-hams@ucsd.edu

I heard an XV7 working split last night (14.200-14.210/14.195)  
but with very weak sigs. Any info as to how long they'll be  
there and what they're running ?

Rich  
WB2JBS

-----

Date: 1 Sep 93 04:20:41 GMT  
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu  
To: info-hams@ucsd.edu

References <25t7uq\$elr@usenet.INS.CWRU.Edu>, <25t9svINNeoa@topaz.bds.com>,  
<1993Aug31.174913.2525@pixar.com>  
Reply-To : gary@ke4zv.UUCP (Gary Coffman)  
Subject : Re: Semi-automatic operation on HF

In article <1993Aug31.174913.2525@pixar.com> bruce@mongo.Com (Bruce Perens) writes:

>In article <25t9svINNeoa@topaz.bds.com>, ron@topaz.bds.com (Ron Natalie) writes:

>|> The ARRL seeks to allow this on the entire digital subband (i.e. the CW >|> portion).

>

>I respectfully submit that frequency coordination of various modes within >the Amateur bands should not be the task of the FCC, but of the Amateurs >themselves. I'm no fan of the ARRL's policies, but here I think they are >attempting to remove restrictions imposed on us by outsiders so that we can >regulate our own operation. Obviously, there's going to be lots of pressure >on semi-automatic stations to stick to a band plan.

>

>I'd prefer to see the various government agencies allocate the bands to >amateurs without discriminating between modes, with the amateurs themselves >establishing the subbands for various modes.

Amen Bruce! CW is allowed everywhere on every band, but we don't see that being abused, much. The CW users tend to congregate near the lower band edges despite no rule requiring them to do so. It's just a gentlemen's agreement. Similarly, we can deal with other mode usage by adherence to our informal band plans. The Canadians seem to be doing nicely with no formal mode limits at all. US hams have developed a regrettable tendency to demand Big Brother manage their affairs rather than taking the responsibility to do so themselves. That's a shame, and inhibits the dynamic allocation of resources a rapidly changing technology requires.

I continue to find it rather ironic that some users of "the mode that gets through when nothing else will" are the ones complaining about possible interference. The CW only segments are vast empty wastelands by comparison to the HF General phone segments, yet it's a few CW ops who are screaming about possible interference. I say "get a grip" and develop some sense of proportion. CW ops currently suffer the least interference problems of any operating mode, and only they have the empty space available to skrunch over a bit to accomodate other spectrum users. They shouldn't be piggies and demand 1 kHz guard bands on their transmissions. Nobody else has that luxury. Buy a filter, or reprogram the wetware to cope like the voice users have had to do.

I suspect that some may fear a repeat of the AM/SSB wars of the 50s where the more useful mode wins out after a period of voluntary sharing. And they secretly think that theirs is really the less useful mode. Thus they feel the need to demand government protection as an endangered species. That certainly goes along with the continued defense of the special status of Morse testing in the exam system, but I digress. :-)

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

-----

Date: (null)

From: (null)

A couple of years ago, I was stuck out in the desert in California with vehicle trouble way out in the tules. I tried in vain to get help with my handheld CB... Interesting, I could hear a lot of (almost entirely) Spanish speaking stations. I wonder if these weren't stations working above the US legal limit in Mexico (300 km away)...

-----

TTGATTGCTAAACACTGGGCGGCGAATCAGGGTTGGGATCTGAACAAAGACGGTCAGATTTCAGTTCGTACTGCTG

Eric E. Snyder

Department of MCD Biology

...making feet for childrens' shoes.

University of Colorado, Boulder

Boulder, Colorado 80309-0347

LeuIleAlaLysHisTrpAlaAlaAsnGlnGlyTrpAspLeuAsnLysAspGlyGlnIleGlnPheValLeuLeu

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End of Info-Hams Digest V93 #1032

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